

**AMENDMENTS TO THE SPECIFICATION:**

Please amend the specification by replacing the second full paragraph on page 8 of this application with the following amended paragraph:

--The core barrel 14 includes a circular cylindrical side wall 26 having an axis 400 which extends vertically, a top 28 and a bottom 30. Positioned in the core barrel 14 are reflectors (not shown) which define between them a core or chamber 40 within which nuclear fuel is received.--